#### PARTS LIST AND DESCRIPTION (CONTINUED)

Replacement parts shown may be superseded by the availability of newly introduced replacements. Have your local distributor check Sams COUNTER FACTS\* for the most up-to-date replacement.

#### CRYSTALS

ITEM No.	CRYSTAL FREQUENCY IN MHz	MFGR. PART No.	CTS KNIGHTS PART No.	CHANNEL
X801	11.0500	YEXLHC18U016	CA90W11050	Rec Osc
X901	10.5950	YEXLHC18U017	CB75W10595	Xmit osc

ITEM No.	CRYSTAL FREQUENCY IN MHz	MFGR. PART No.	CTS KNIGHTS PART No.	CHANNEL
X902	10.2400	YEXLHC18U015		PLL

#### MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
CF151 CF152 CF801 CF901 CF902 M80 M801 SW51 SW51 SW701 SW802 SW803 SW904 SW905	Filter Filter Filter Filter Filter Tuner Meter Switch	YEINO9N5004 YEINO9N5004 YEICO7P2005A EFCS27MT1 YEINO9N50040 YEAU01056 YEAV01003 YEAS07042 YEAS07042 YEAS07042 YEAS09061 YEAS09056 YEAS10003	10.7MHz 10.7MHz 455kHz 27MHz 27MHz AM/FM S/RF DX/LOCAL AM/FM Power (Part of Volume Control) Delta Tune (Part of Squelch Control) CB/Radio Monitor CB Channel Selector

## CABINETS & CABINET PARTS (When ordering specify model, chassis & color)

ITEM	PART No
Escutcheon Assembly Cover, Top & Bottom Panel, Front Panel, Rear Dial Pointer Knob, CB Channel	YEFC02378 YEFA03215 YEFA07019 YEFA08019 YEFH01145 YEFE17048

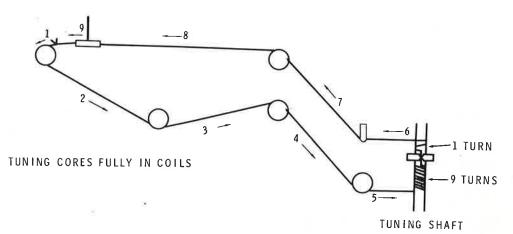
ITEM	PART No.
Knob, Squelch Knob, Delta Tune Knob, AM-FM Knob, Tuning & Volume Control Knob, Tone & Balance Push Button, CB/Radio-DX/LOCAL	YEFE07077 YEFE08071 YEFE17047 YEFE07063 YEFE08057 YEFE10189

#### WIRING DATA

General-use Hook-up Wire	
Shielded Antenna Lead	8524 (Stranded) Available in 13 Colors 8214 Lowest-loss (RG-8/U Type) 8237 Low-loss (RG-8/U) 8240 (Solid) Miniature (RG-58/U)
Coiled Microphone Cable	Use BELDEN No. 8497 3-Conductor (1 shielded for Proce to Talk)
Bonding Strap	Use BELDEN No. 8661 (3/8 inch)

### DIAL CORD STRINGING

TOP VIEW



**FRONT** 



# PHOTOFACT® with

For Supplier Address See PHOTOFACT Index

#### NOTE

Repair or adjustment of transmitter circuits must be under supervision of a person with first-or second-class radiotelephone license.

(Refer to FCC Rules and Regulations Part 95, Subpart C & D.)

The frequency of the transmitter should be checked periodically with a secondary frequency standard to insure proper and legal

Best results will be obtained when adjusting the final RF output circuit if the antenna normally used is connected and the chassis is as nearly in the cabinet as possible.

Connect either 50-ohm dummy load or the normally used antenna



MODEL Washington

HOWARD W. SAMS & CO., INC. Indianapolis, Indiana 46206

#### **ALIGNMENT INSTRUCTIONS**

CAUTION: Use isolation transformer or observe polarity when connecting test equipment. Maintain line voltage at 120V AC. Allow a 15-minute warm-up period. Adjustments made with 13.8-volt DC input. Connect low sides of test equipment to ground unless specified otherwise.

Connect 50-ohm dummy load or antenna before keying transmitter. Suggested Alignment Tools: GC ELECTRONICS: 

#### SYNTHESIZER ALIGNMENT

CT1 thru CT7 ..... 5000

TEST	EQUIPMENT		TR	ANSCEIVER	ADJUST	REMARKS
Input of RF	VTVM to TP6.		Ch. 1, Clarifi	AM er - Mid Range	L24	Adjust for maximum.
Input of DC	meter to TP7.		Ch. 1,		L17	Adjust for 2.0 volts.
Input of RF	VTVM to TP8.		Ch. 19		L16	Adjust for maximum.
Input of fre	quency counter	to TP8.	Ch. 19		СТ6	Adjust for 34.9850MHz + 20Hz.
Input of fre	quency counter	to TP8.	Ch. 19,	USB	CT4	Adjust for 34.9875MHz + 20Hz.
Input of fre	quency counter	to TP8.	Ch. 19,	LSB	CT5	Adjust for 34.9825MHz +20Hz.
Input of fre	quency counter	to TP8.	Ch. 19,	LSB, Xmit	VR9	Adjust for 34.9825MHz + 20Hz.
Input of fre	quency counter	to TP9.	Ch. 19,	USB	CT2	Adjust for 7.8025MHz +5Hz -0Hz.
Input of fre	quency counter	to TP9.	Ch. 19,	LSB	CT3	Adjust for 7.7975 +0Hz -5Hz.

#### RECEIVER ALIGNMENT

Connect an AC VTVM or AF wattmeter across speaker voice coil. Adjust volume control to obtain a suitable indication.

#### SSB

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna jack. 27.186MHz, no modulation. Output .25uV.	Ch. 19, USB RF Gain - Max Clarifier - Mid Range Volume - Max.	L8, L7, L6, L5, L4, L3	Adjust for maximum output.
Output of signal generator thru .01uF to antenna jack. 27.186MHz, no modulation. Output .25uV.	Ch. 19	CT1	Adjust for .5 watts audio.

#### RECEIVER ALIGN: MENT

Connect an AC VTVM or AF wattmeter across speaker voice coil. Adjust volume control to obtain a suitable indication.

#### AM

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna jack. 23.5MHz, no modulation. Output 200uV. Input of RF VTVM to TP5.	Ch. 19, AM RF Gain - Max. NB-On	L1, L2	Adjust for maximum,

#### RECEIVER ADJUSTMENTS

i	Connect an AC	VTVM or Al	F wattmeter a	across s	speaker voice co	il.
1	Adjust volume	control to	o obtain a si	uitable	indication.	

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna jack. 27.186MHz, no modulation. Output 250uV.	Ch. 19, USB RF Gain - Max Volume - Max	VR2	RF GAIN RANGE Adjust VR2 for .5 volts audio.
Output of signal generator thru .01uF to antenna jack. 27.186MHz, no modulation. Output 100uV.	Ch. 19	VR1	S METER Adjust for 9 on S scale of meter.
Output of signal generator thru .01uF to antenna jack. 27.186MHz, no modulation. Output 500uV.	Ch. 19	VR3	SQUELCH RANGE Set squelch control VR404 fully clockwise. Adjust VR3 so that squelch just breaks.
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% No modulation. Output .5uV.	Ch. 19	VR5	AM BALANCE Adjust VR5 for .5 watts audio.

#### TRANSMITTER ALIGNMENT

See Page 4 for channel frequencies.

Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.

NOTE: Be sure to check transmit frequency and power on all active channels after alignment of transmitter.

#### SSB

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of 2-tone generator to Mike input. 500Hz and 2400Hz at .5 volts.	Ch. 19,USB, Mike Gain - Max.	L39, L37, L32, L30	Adjust for maximum.
Output of 2-tone generator to Mike input. 599Hz and 2400Hz at .5 volts.	Ch. 19, LSB	CT7	Adjust CT7 for 11.5 watts.

#### TRANSMITTER ADJUSTMENTS

Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.

NOTE: Be sure to check transmit frequency and power on all active channels after alignment of transmitter. See Page 4 for channel frequencies.

M						
TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS			
Input of spectrum analyzer to antenna jack.	Ch. 19	L27	Adjust for MINIMUM at 54MHz.			

#### TRANSMITTER ADJUSTMENTS

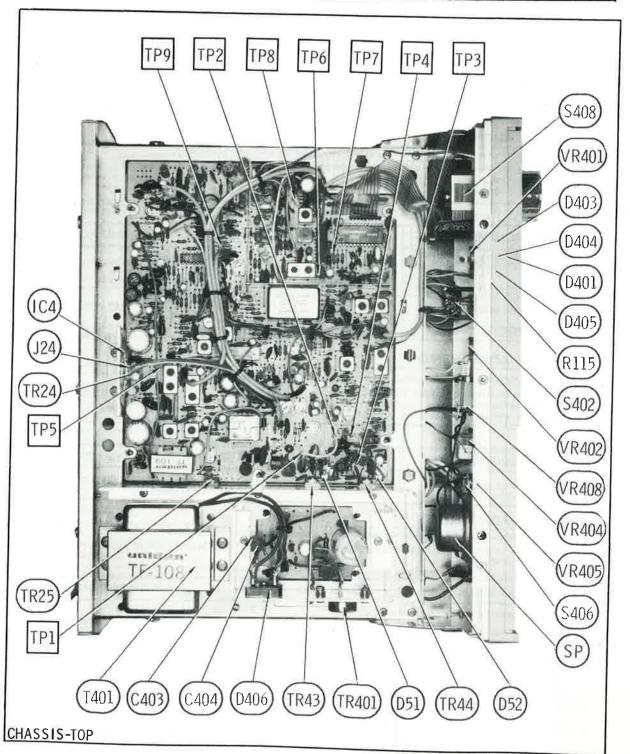
Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.

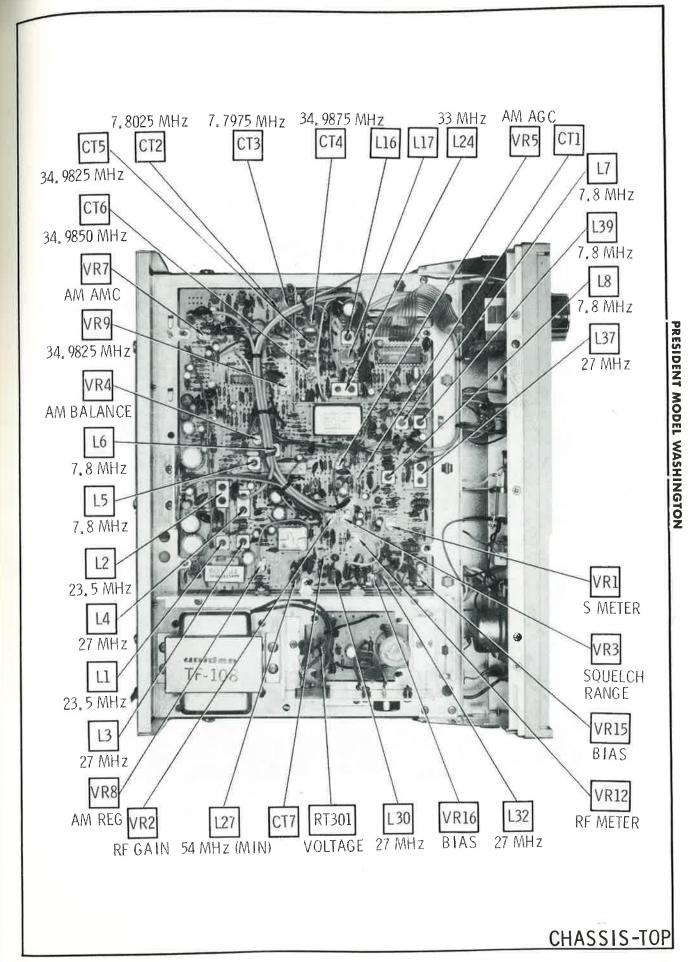
NOTE: Be sure to check transmit frequency and power on all active channels after adjustment of transmitter.

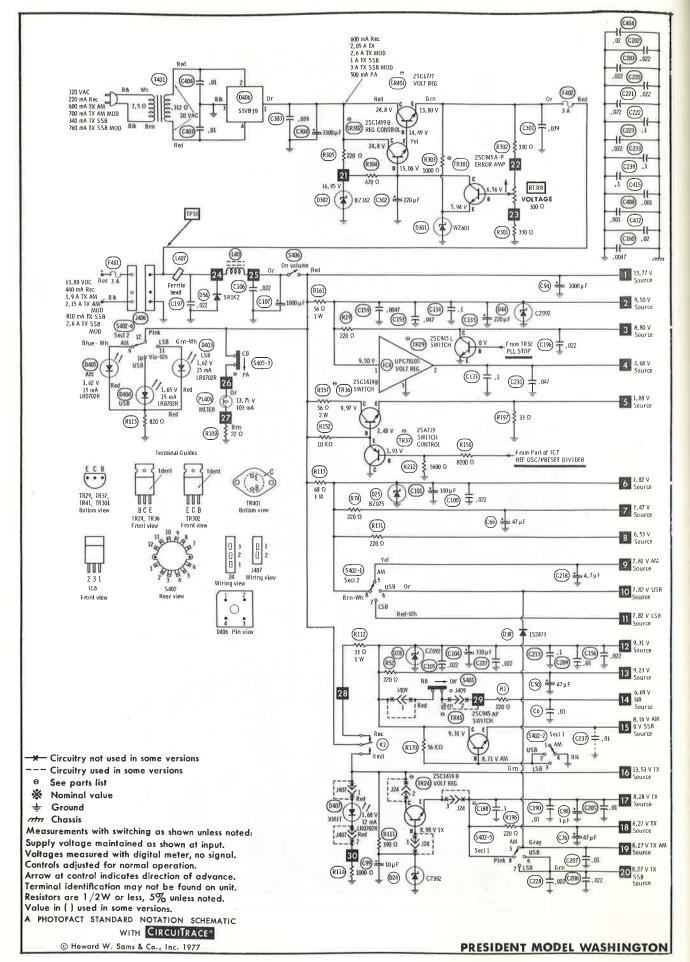
TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS		
Input of DC meter to TP10.	Ch. 19	RT301	VOLT REG Voltage should not vary when keying transmitter.		
DC current meter to TP3 and TP4. No modulation.	Ch. 19, USB	VR15	BIAS Adjust VR15 for 40mA <u>+</u> 10mA		
DC current meter to TP1 and TP2. No modulation.	Ch. 19, USB	VR16	BIAS Adjust VR16 for 70mA +10mA.		
No Modulation	Ch. 19, USB	VR4	BALANCE Adjust for MINIMUM RF.		

TRANSMITTER ADJUSTMENTS (Continued)

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS		
No Modulation	Ch. 19, AM	VR8	AM REG Adjust VR8 for 3.8 watts.		
No Modulation	Ch. 19, AM	VR12	RF PANEL METER Adjust VR12 for 3.8 watts on on RF scale of meter.		
Modulation meter to antenna jack.	Ch. 19, AM. AMC-MAX	VR7	AM AMC Adjust signal for 50% modulation. Increase signal 630 times. Adjust VR7 for 95% modulation.		







#### PARTS LIST AND DESCRIPTION

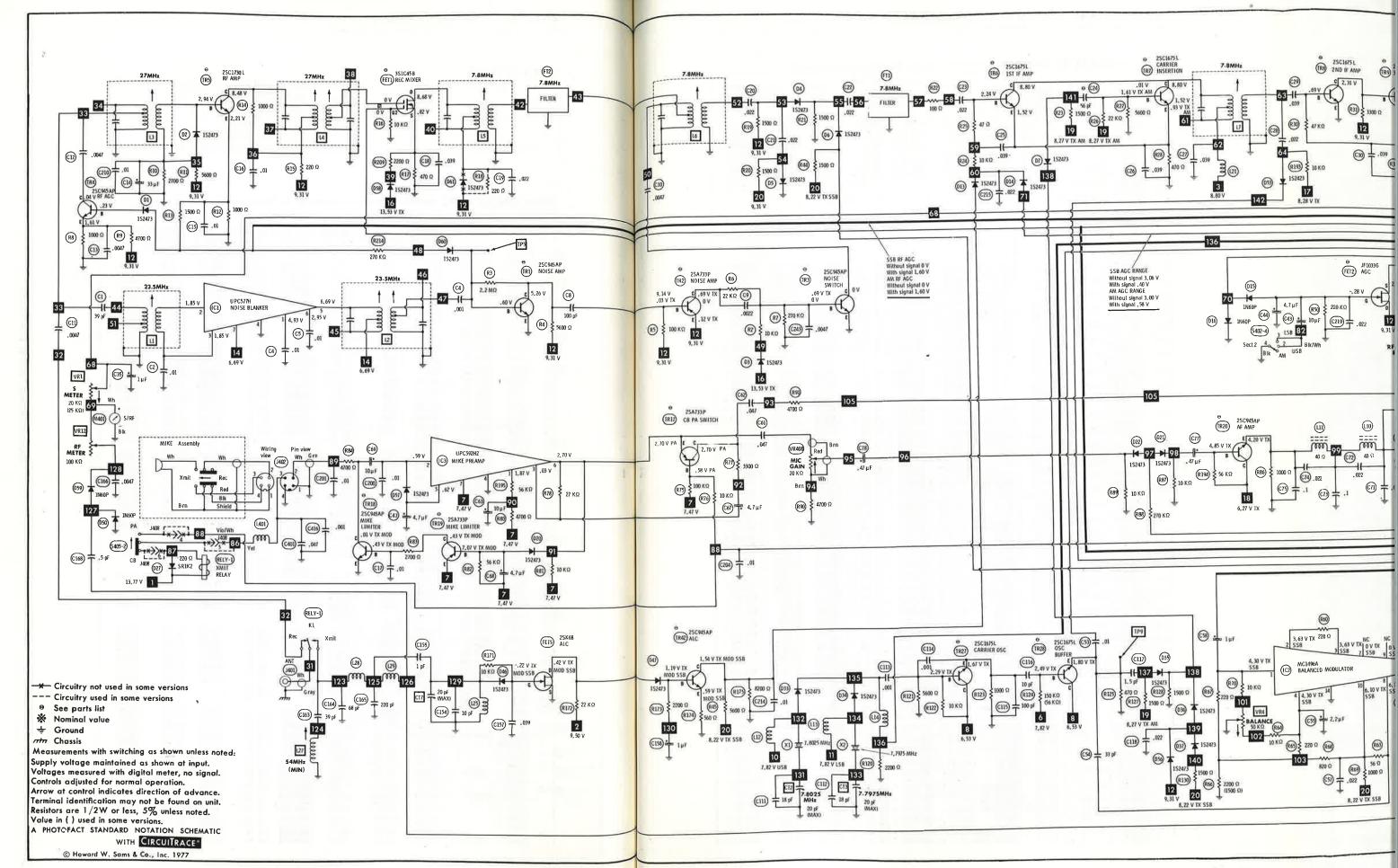
(When ordering parts, state Model, Part Number, and Description.)

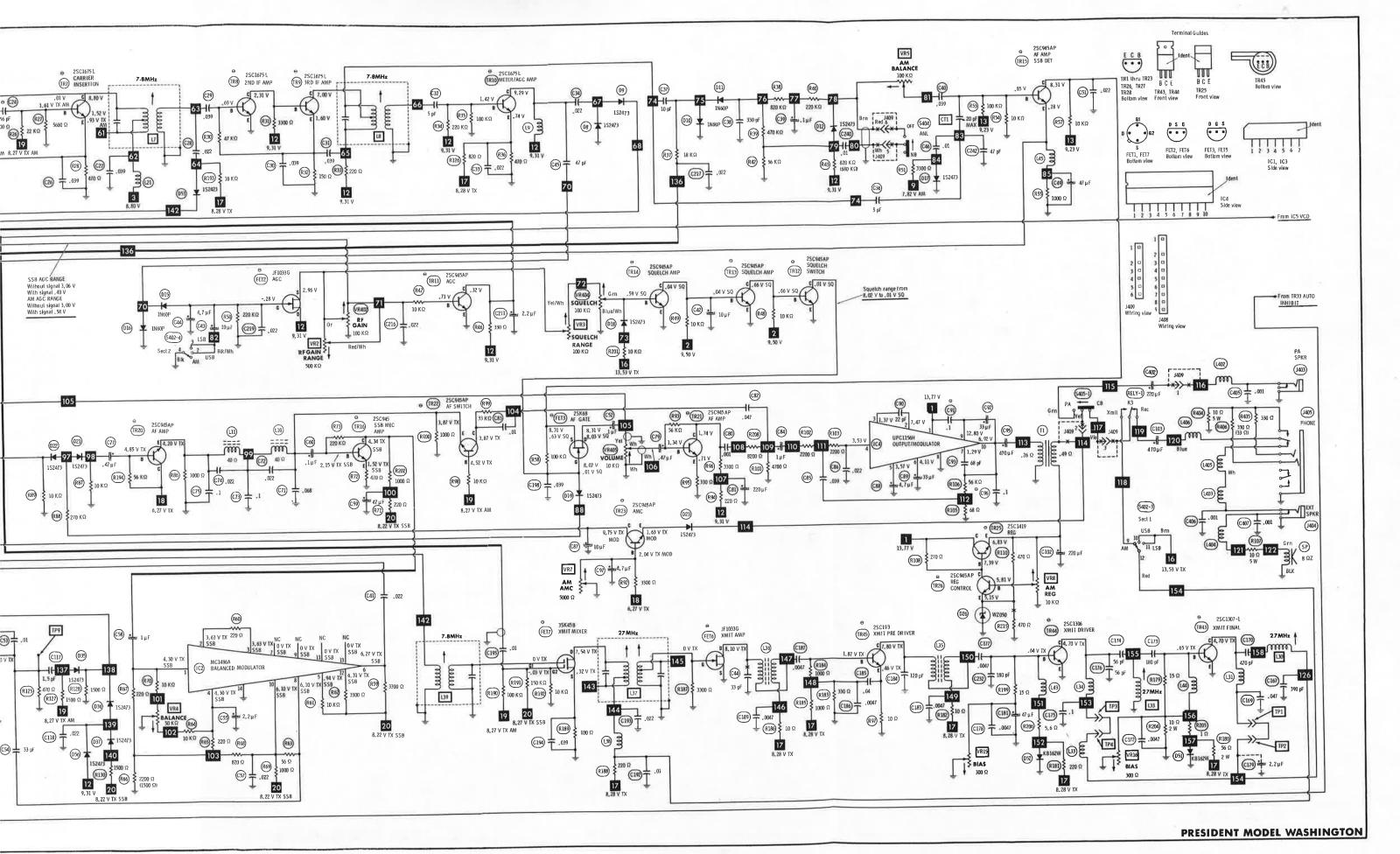
#### WIRING DATA

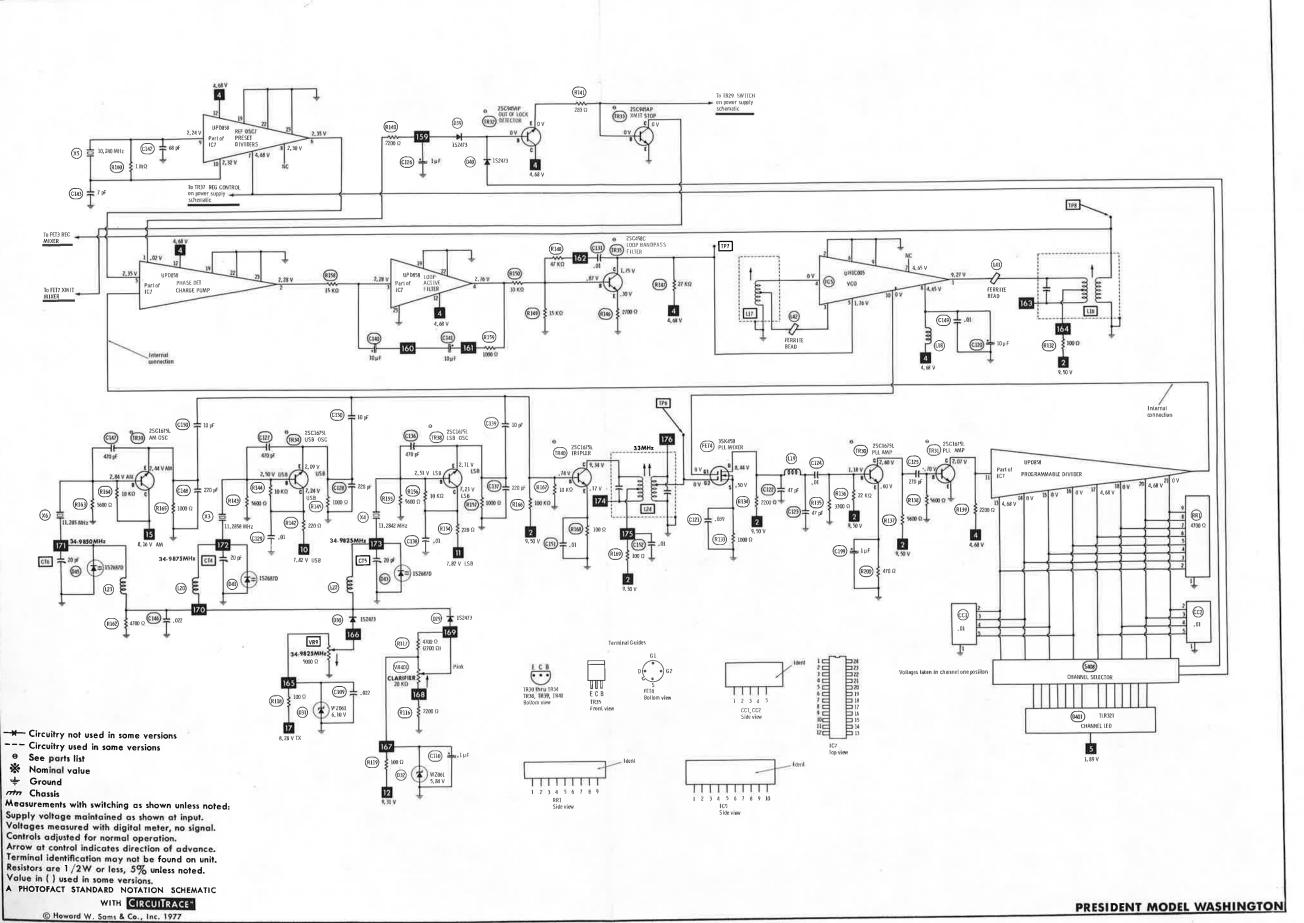
General-use Hook-up Wire	Use BELDEN No.	8530 (Solid) Available in 13 Colors
		8524 (Stranded) Available in 13 Colors
Power Cord, 2-Wire	use RELDEN No.	17106 (Plastic) -6 feet
Chi-1d-d Automa Load	Hen BELDEN No.	17109 (Plastic) -9 feet 8214 Lowest-loss (RG-8/U Type)
Shielded Antenna Lead	ose betben No.	8237 Low-loss (RG-8/U)
		8240 (Solid) Miniature (RG-58/U)
		8259 (Stranded) Miniature (RG-58A/U)
Coiled Microphone Cable	Use BELDEN No.	8497 3-Conductor (1 shielded for Press-to-Talk) Neoprene

#### SEMICONDUCTORS (Select replacement transistor for best results)

	TYPE MFGR. No. PART No.				REPLACEM	ENT DATA				
No.		GENERAL ELECTRIC PART No.	IR WORKMAN PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No	
1	1S2473	2000-317 2000-317 2000-317	GE-300	D200	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519
3	1S2473 1S2473	2000-317	GE-300 GE-300	D200 D200	PTC214 PTC214	HEPR0602 HEPR0602	RE 52 RE 52	SK3100 SK3100	RT-218 RT-218 RT-218 RT-218	ECG519 ECG519
	152473	2000-317	GE-300	D200	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519
	152473	2000-317	GE-300	D200	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519 ECG519
	1S2473 1S2473	2000-317	GE-300	D200	PTC214	HEPRO602	RF 52	ESKRINN	RT-218	ECG519
	152473	2000-317	GE-300	D200	PTC214 PTC214	HEPR0602	RE 52 RE 52 RE 52	SK3100 SK3100 SK3100	RT-218	ECG519
	152473	2000-317	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218 RT-218	ECG519 ECG519 ECG109
)	152473	2000-317	GE-300	D200	PTC214 PTC206	HEPRO602	RE 47	SK3100 SK3088	RT-218 RT-263	ECG100
0 1	1N60P 1N60P	2000-318 2000-318 2000-317 2000-317	1N60 1N60	1N60 1N60	PTC206	HEPR9135 HEPR9135	RE 47	SK3088	RT-263	ECG109
2	152473	2000-316	GE-300	D200	PTC206 PTC214	HEPRO602	RE 47 RE 52	SK3100	RT-218	ECG519
3	152473	2000-317	GE-300	D200	PTC214	HEPR0602 HEPR0602	RE 52	SK3100	RT-218	ECG519
4	1524/3	2000-317	GE-300	D200	PTC214	HEPRO602	RE 52	SK3100	RT-218 RT-263	ECG519
5	1N60P	2000-318	1N60	1060	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
6		2000-318	1860	1N60	PTC206 PTC214	HEPR9135 HEPR0602	RE 47 RE 52	SK3088 SK3100	RT-263 RT-218	ECG109 ECG519
7	100470	2000-317 2000-317	GE-300 GE-300	D200 D200	PTC214	HEPRO602	RE 52	CMIENS	RT_218	FCG519
8	1524/3	2000-317 2000-317 2000-317 2000-317 2000-317	GE-300	D200	PTC214	HEPRO602	RE 52 RE 52 RE 52	SK3100	RT-218 RT-218 RT-218	ECG519 ECG519 ECG519
9 0	1S2473 1S2473	2000-317	GE-300 GE-300	D200	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519
1	152473	2000-317	GE-300	D200 D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519
2	152473	2000-317	GE-300	D200	PTC214 PTC214	HEPRO602 HEPRO602	RE 52	SK3100 SK3100	RT-218 RT-218	ECG519 ECG519
3	1S2473 CZ092	2000-317 2000-327	GE-300 GEZD-9.1	D200 Z1209	ZB9.1A	HEPROBUZ HEPZO412	RE 52 RE 114	ZK30EU	PT-240	ECG139
5	BZ075	2000-327	GEZD-9.1	£1403	ZB7.5B	ILLI ZUTIL	RE 111	5.10000	RT-239 RT-235 RT-213	ECG138
6	WZ050	2000-324 2000-321	GEZD-5.1						RT-235	
7	SR1K2	2000-320	GE-504A	5A4D	PTC201	HEPRO052	RE 49	SK3030	RT-213	ECG116
8	CZ092	2000-327	GEZD-9.1	Z1209	ZB9.1A	HEPZO412 HEPRO602	RE 114 RE 52	SK3060 SK3100	RT-240 RT-218	ECG139 ECG519
9	152473 152473	2000-317 2000-317	GE-300 GE-300	D200 D200	PTC214 PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519
0	WZ061	2000-317	GEZD-6.2	0200	ZB6.2B	TIET KOOOZ	RE 52 RE 109	51.5100	RT-237	ECG137
2	WZ061	2000-329 2000-322 2000-317	GEZD-6.2		ZB6.2B		RE 109		RT-237 RT-237	ECG137 ECG137
13	152473	2000-317	GE-300	D200	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519
34	152473	2000-317 2000-317	GE-300	D200	PTC214 PTC214	HEPR0602 HEPR0602	RE 52 RE 52	SK3100 SK3100	RT-218 RT-218	ECG519 ECG519
95	152473	2000-317	GE-300 GE-300	D200 D200	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519
36 37	1S2473 1S2473	2000-317	GE-300	D200	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519
38 38	152473	2000-317	GE-300	D200	PTC214	HEPRO602	RE 52	SK3100	RT-218 RT-218	ECG519
38 39	1S2473 1S2473	2000-317	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519
40	152473	2000-317	GE-300 GE-90	D200	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519
41	1S2687D	2000-323	GE-90	D201		HEPR2503	RE 195	SK3126	RT-262	
43	1S2687D	2000-323	GE-90 GEZD-9.1	D201 Z1209	ZB9.1A	HEPR2503 HEPZ0412	RE 195 RE 114	SK3126 SK3060	RT-262 RT-240	ECG139
44 45	CZ092 1S2687D	2000-327 2000-323	GE-90	D201	Z09.1A	HEPR2503	RE 195	SK3126	RT-262	Louiss
6	152473	2000-317	GE-300	D200	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519
17	1S2473	2000-317	GE-300	D200	PTC214	HEPR0602	RE 52 RE 47	SK3100	RT-218	ECG519
50	TNICOD	2000-210	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
51	KB162W	2000-331			PTC301 PTC301					
52 53	KB162W 1S2473	2000-331	GE-300	D200	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519
54	SR1K2	2000-310 2000-331 2000-317 2000-320	GE-504A	5A4D	PTC201 PTC214	HEPRO052 HEPRO602	RE 49	SK3030	RT-213	ECG116
56	152473	2000-31/	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519
57	152473	2000-317	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519 ECG519
58	1S2473 1N60P	2000-317 2000-318	GE-300 1N60	D200 1N60	PTC214 PTC206	HEPRO602 HEPR9135	RE 52 RE 47	SK3100 SK3088	RT-218 RT-263	ECG109
59 50	1S2473	2000-318	GE-300	D200	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519
51	152/72	2000-317	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519
301	WZ061	2000-328	GEZD-6.2		ZB6.2B		RE 109		RT-237	ECG137
302 106	BZ162	2000-328 2000-326 2000-330 2000-102	GEZD-16		ZB16B		RE 122		RT-246	ECG5075
406 ET1	S5VB10 3SK45B	2000-330	GE-FET-4	WEP905	PTC1R1	HEPF2004	RE 199	SK3050	RT-181	ECG222
3.55	35K45B 35K45 (1)	2000-102	GE-FET-4	WEP905	PTC181 PTC181	HEPE2004	RE 199	SK3050	RT-181	ECG222
T2	JF1033G		GF-FFT-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312
	JF1033	2000-105 (1)	GE-FET-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312
	2NJ233B(1	Į.	GE-FEI-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312
	2SK19 (1)		GE-FET-2	FE-100	PTC161	HEPF0021 HEPF0021	RE 45 RE 45	SK3116 SK3116	RT-175 RT-175	ECG312 ECG312
ET3	2SK33 (1) 2SK68		GE-FET-2 GE-FET-1	FE-100 FE-100	PTC161 PTC151	HEPFO010	RE 46	SK3112	RT-176	ECG133
-13	25K68A,M	2000-104 (1)	GE-FET-1	FE-100	PTC151	HEPF0010	RE 46	SK3112	RT-176	ECG133
	2SK30A(1)	10.00	GE-FET-1	FE-100	PTC151	HEPF0010	RE 46	SK3112	RT-176	ECG133
ET4	3SK45B		GE-FET-4	WEP905	PTC181	HEPF2004	RE 199	SK3050	RT-181	ECG222
		<b>42000-103 (1)</b>	GE-FET-4	WEP905	PTC181	HEPF2004	RE 199 RE 199	SK3050	RT-181 RT-181	ECG222
	3N201 (1)		GE-FET-4	WEP905 WEP905	PTC181	HEPF2004 HEPF2004	RE 199	SK3050 SK3050	RT-181	ECG222 ECG222
	3SK45 (1) 3SK40 (1)		GE-FET-4 GE-FET-4	WEP905 WEP905	PTC181 PTC181	HEPF2004	RE 199	SK3050	RT-181	ECG222
	35K4U (1)		GE-FET-4	WEP905	PTC181	HEPF2004	RE 199	SK3050	RT-181	ECG222
ET5	2SK68		GE-FET-1	FE-100	PTC151	HEPF0010	RE 46	SK3112	RT-176	ECG133
	2SK68A,M	2000-104 (1)		FE-100	PTC151	HEPF0010	RE 46	SK3112	RT-176	ECG133







PARTS LIST AND

SEMICONDUCTO

TYPE No.

25K30A(1) JF10333 2F10333 2N12233B(1 25K19 (1)) 25K33 (1) 35K45B 35K45 (1) UPC577H MC1496A LM1496N(1 UPC592H2 UPC1156H UHIC005 UPC78L05 UPD8588 UPD8588 UPD8588 UPD8588 UPD8588 UPD8588 UPD858C(1) 2SC945AP

| 25.0945(1) | 25.0945AP | 2000-25.0945(1) | 25.0945AP | 2000-25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675(1 | 25.01675

ITEM No.

FET6

FET7

IC1 IC2

IC3 IC4 IC5 IC6 IC7

TR1

TR2

TR3 TR4

TR5

TR6

TR7
TR8
TR9
TR10

TR11

TR12

TR13 TR14

TR15

TR16

TR17

TR18

TR19

TR20

TR21

TR22

TR23

TR24 TR25

TR26

TR27

TR28

TR29

TR31

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